

Think Green



introduction to Pollution Prevention

Division of Community Assistance
8th Floor, L & C Annex
401 Church Street
Nashville TN 37243-1551



To reach your local
ENVIRONMENTAL ASSISTANCE CENTER
Call 1-888-891-8332 OR 1-888-891-TDEC



Getting Started with Pollution Prevention

Thank you for your interest
in promoting pollution prevention
and environmental conservation
in the great State of Tennessee.

Thinking environmental or “green”
does not always mean higher costs.
Many aspects of pollution prevention,
including energy efficiency and waste
minimization, reduce operating costs.
Sometimes “green” projects do
require higher capital investments.
The trade-off is the continued
savings over the long term. This
brochure, provided for you by the
Tennessee Department of
Environment and Conservation,
contains readily usable examples of
how you can implement pollution
prevention to save money, “green”
your home or business, and practice
environmental stewardship.

This effort supports
Tennessee Looks Good to Me,
Governor Don Sundquist's
initiative to beautify the
State of Tennessee
in the new millennium.

For more information:
Division of Community Assistance
1-888-891-TDEC
<http://www.state.tn.us/environment/dca>

The Tennessee Department of Environment and Conservation is committed to principles of equal opportunity, equal access and affirmative action. Contact the Tennessee Department of Environment and Conservation EEO/AA Coordinator, Taryn Harrison Sloss, (615) 532-5249 or the ADA Coordinator, Isaac Okoreeh-Baah, (615) 532-0059 for further information.

Hearing impaired callers may use the
Tennessee Relay Service (1-800-848-0298).

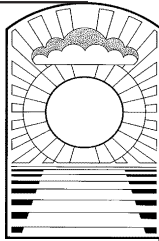
Tennessee Department of Environment
and Conservation, Authorization No.
327803, 8,000 copies. This publication
was promulgated at a cost of \$0.21 per
copy. December, 1999.

Printed on recycled paper using soy-based ink.

Tennessee Pollution Prevention Partnership			
I want more information. Sign me up as a TP3 Prospect!			
CONTACT NAME	Membership Category _____ School _____ Household _____ Business _____ Industry _____ Organization _____ Government _____ Other		
E-MAIL			
PHONE ()			
MEMBER NAME			
MEMBER ADDRESS			
CITY	STATE	ZIP CODE	Comments
For more information on the: Tennessee Pollution Prevention Partnership return this form to: TP3 Program Division of Community Assistance 8th Floor, L & C Annex 401 Church Street Nashville TN 37243-1551 Fax (615) 532-8007			

ENERGY CONSERVATION

Improving the energy efficiency of your home or business will reduce your electricity costs each and every month.



Heating and Cooling

Consider how much air space you must heat and cool each day. Your living and working quarters likely have more empty space than anything else. Because your heating and cooling area is so large, even a small increase in efficiency can lead to a large decrease in cost.

If you need a new or upgraded heating and cooling system, consider purchasing a highly energy efficient system. The resulting savings in reduced energy costs will pay for the environmentally preferable change.

Do not wastefully heat or cool. Set your thermostat to 78°F in the summer and 68°F in the winter. Proper insulation and weather stripping will reduce drafts and help to maintain a comfortable temperature.

Lighting

How many lights are on in your home or business? Your energy bill is directly related to your lighting requirements. By improving the efficiency of lighting, you can cut costs, and promote cleaner air.

Consider changing incandescent bulbs to energy efficient fluorescent fixtures. If you upgrade to energy efficient lighting, your costs will soon be replaced with savings. For example, a 13W fluorescent bulb can provide as much light as a 60W incandescent bulb. Fluorescent bulbs can burn ten times longer than incandescent bulbs at lower wattage, with one-quarter the electricity cost.

Don't forget to develop more efficient habits of light use. Consider simply using less light where possible. Remember to turn off lights when rooms are empty.

Alternative energy

The power company is not the only source for energy to your home or business. Alternative energy technologies including solar and wind power have undergone recent advancements. Both sunlight and wind are free sources of energy. In addition, the capital costs required to purchase technology that will harness their power can quickly be reclaimed.

OFFICE

Many homes and most businesses have offices. You can attain green goals in your office.



Paper work

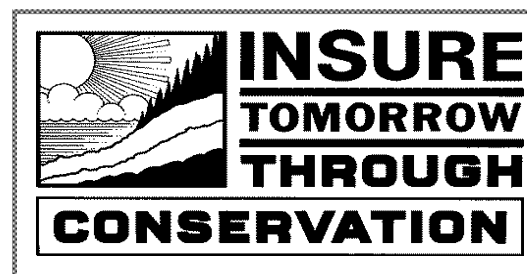
Every office has lots of paperwork, but this does not mean every office requires a lot of paper. Through new technologies, such as electronic mail, and simple practices such as printing on both sides of paper, your office can reduce its purchasing costs for new paper. Once your paper is completely used and no longer needed, a recycling facility can turn your discards into new products and a profit.

PURCHASING

Whether you are purchasing goods to sell or purchasing goods to use, investigate and consider your green alternatives.

Many products are available that contain recycled materials. When you purchase recycled goods, you help create a better market for your recyclables. Also, by purchasing recycled goods, you remove the need to obtain new raw materials. Recycling materials is highly energy efficient and leads to reduction of pollutants and less waste in landfills.

Consider purchasing recycled paper, or goods made from recycled cotton, plastic, and glass when you buy. Unsure if a green alternative exists? Ask questions, you will likely be surprised.

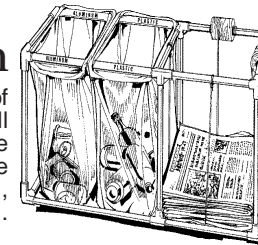


NEW CONSTRUCTION

When you renovate or when something needs to be repaired, investigate green opportunities in construction. Because you are already planning to pay construction costs, the capital investment required for large scale greening will not seem as expensive. Remember that green building design is more efficient and cost effective in itself.

Waste Reduction

Reducing the volume of waste you produce will reduce your waste management costs while greening your home, industry or business.



Reduce

Reducing your waste stream saves money and reduces pollution. Consider where your home or business purchases too much, only to end up generating waste. Next time, buy less. Buying less costs less. Try using less paper, less cardboard, less styrofoam, less plastic and less disposables.

ReUse

Reuse leads to reduction. Whenever you can reuse a product, you reduce the amount of new materials that must be manufactured and that you must pay for. Therefore, reuse leads to source reduction of manufacturing pollutants, less waste and lower expenses.

Consider these areas where reuse has already proven to be an efficient green solution. Wooden pallets can be reused. Packaging materials are easily reshipped.

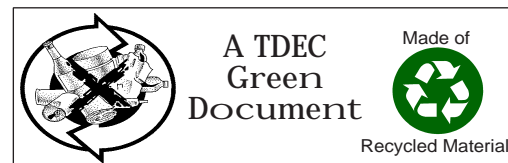
Newspapers and magazines can be shared. Rather than always buying new batteries, purchase and use rechargeable batteries. Ask your family or employees if something can be reused instead of being trashed. For example, materials that seem out-of-date or unusable to your organization may well make a worthwhile donation to an organization or charity.

ReCYCLE

If you cannot reduce your usage, and you cannot determine a method of reuse, then recycle. Think before you discard. Placing paper, plastic, and glass into recycling bins is not more difficult than putting trash in a garbage can. Many companies will even pay you to haul away your recyclables.

Consider establishing a recycling drop-off center for your family or employees. Have separate bins for paper, cardboard, plastic, glass, aluminum, and steel. Set a schedule for hauling or having your recyclables collected. Watch how quickly your bins begin to fill.

Remember to purchase recycled products, too!



Tennessee Pollution Prevention Partnership



Become a member of the Tennessee Pollution Prevention Partnership (TP3). Tennessee's statewide network of households, schools, government agencies, organizations, businesses and industries, working together to protect our shared environment through pollution prevention.

TP3 has four levels of participation through which you can progress:

Prospect: Show your interest in protecting the environment by signing up for TP3.

Pledge: Commits to positive environmental action by taking advantage of simple pollution prevention opportunities.

Partner: Develops a comprehensive plan that will make significant progress in preventing pollution.

Green level: Demonstrates measurable results in pollution prevention and continues to protect our environment through sharing success stories with others.

Sign up as a TP3 Prospect today!